

USEPA/OCEA/OC
State and Tribal Assistance Grant (STAG) 1999-2000
Oregon: Measuring Deterrence
Quarter 1, FY2001 Report
Uploaded to Internet 2/11/2003

**Quarterly Reporting Form for EPA's 2000
Enforcement and Compliance Assurance Grants**

I. Information

State and Department: Oregon Department of Environmental Quality, Enforcement
Title of Project: Measuring Deterrence
Grant Contact Person: David LeBrun, Environmental Law Specialist
2020 SW Fourth Avenue
Portland, Oregon 97201
(503) 229-6742
lebrun.dave@deq.state.or.us

Funds Received by State: \$119,060 in July 2000

Quarter and year report is being filed for: **Fourth Quarter ending January 1, 2001**
Author of report: David LeBrun

II. Status of Project Milestones

Below is the list of Project Milestones as presented in DEQ's Third Quarter report summarized in October 2000. (*Italics indicates changes from last report*)

Project Miletones	Anticipated Completion Date	Completed	Comment
Start Date	July 1, 2000	July 1, 2000	
DEQ Meetings to finalize Parameters of Survey firm participation	August 15, 2000	September 1, 2000	D. LeBrun participated in meetings with Enforcement and the DEQ Performance Measures CORE team to finalize parameters.
Evaluation of Survey's goals reassessed and evaluated	September 1, 2000	September 1, 2000	D. LeBrun and L. Carlough made a number of decisions regarding scoping the project and determining which populations to target. Further, issues were singled out for investigation by research and survey firms.

Meet and interview survey firms	October 1, 2000	October 15, 2000	Final interviews held with 3 different research and survey firms. Proposals received from all 3.
Finalize contract with independent survey firm	November 1, 2000	November 1, 2000	Decided on Market Decisions although contract has not been finalized (Proposal attached)
Generate list of Executive Survey recipients for internal review	November 15, 2000, <i>postponed until March 2001</i>		<i>Researching being conducted on how to define target audience for executive survey. Number one issue identified is how to create a data base for survey firm to use.</i>
Present "General Population" draft survey questions for internal and EPA review	December 5, 2000	<i>Internal review takes additional two weeks</i>	<i>Survey questions have been chosen draft was circulated to EPA December 20, 2000. Because of large number of comments an additional draft may be sent to EPA for review in mid January</i>
Contractor to program and test "General Population" survey	<i>On Survey firm's advise, test is being delayed until after holidays to insure integrity of results</i>		
Present final "General Population" survey questions for EPA review	January 15, 2001		
"General Population" Survey fielding	January 15-25, 2001		
"General Population" survey results presented to DEQ	February 15, 2001		
Submit copy of preliminary results to EPA	February 15, 2001		
<i>Work on Executive Survey delayed pending results from General Population Survey</i>			
Present "Executive" draft survey questions for internal and	February 1, 2001		D LeBrun and DEQ staff have already completed portions of the draft

EPA review			"Executive" survey questions.
Contractor to program and test "Executive" survey	February 15, 2001		
Present final "Executive" survey questions for EPA review	March 1, 2001		
"Executive" Survey fielding	March 15 April 5, 2001		
"Executive" survey results presented to DEQ	April 25, 2001		DEQ will take this information and begin analysis and interpretation.
Meet with EPA program administrator for review and comment on the survey results	June 1, 2001		Also discuss possibility of redirected survey. Based on preliminary findings DEQ will make decision regarding a follow-up study.
Submit to EPA, DEQ's plan for a follow-up survey to test results of initial findings.	July 1, 2001		DEQ will test initial survey findings with either a redirected survey or a targeted series of inspections following changes to selected enforcement factors
Complete follow-up survey	October, 2001		
Submit results to EPA	November 15, 2001		
Submit to EPA Project Administrator a draft of paper summarizing results and conclusions	March 1, 2002		
Publish Findings	April-June 2002		

III. Status of Project Completion Date

The Anticipated project completion date is June 2002.

IV. Other

As indicated above one of the major issues is the selection or creation of a database for use in the Executive Survey. In the general population survey we are attempting to find the deterrent effect of enforcement actions on the average Oregon citizen. This can be achieved through a survey of a random sample of the Oregon population. This is important because individual Oregonians are regulated by the statutes and regulations we enforce and are therefore potential violators and an audience we seek to deter through our enforcement actions. In the Executive Survey we will have to narrow our audience and will therefore define the “universe” from which we randomly sample. Based the overall question we are asking we are attempting to find the deterrent effect of our actions on Oregon businesses who are potential violators. Our difficulty is finding a database or list that contains these businesses without being overly broad. We are researching potential databases and techniques to create usable lists of businesses.